Available online at www.sciencedirect.com
ScienceDirect
ELSEVIER
Topology and its Applications 155 (2008) I–VIII
Topology and its Applications
www.elsevier.com/locate/topol

Author index volume 155

Alas, O.T., L.R. Junqueira and R.G. Wilson, Dually discrete spaces 1420–1425
Albeverio, S., Sh.A. Ayupov and A.A. Zaitov, On certain properties of the spaces of order-preserving functionals 1792–1799
Alegre, C., I. Ferrando, L.M. García-Raffi and E.A. Sánchez Pérez, Compactness in asymmetric normed spaces 527–539
Alonso-Morón, M. and A. González Gómez, Homotopical properties of upper semifinite hyperspaces of compacta 972–981
Álvarez López, J.A. and X.M. Masa, Morphisms between complete Riemannian pseudogroups 544–604
Andima, S., R. Kopperman and P. Nickolas, An asymmetric Ellis theorem 146–160
Angosto, C., Distances from selectors to spaces of Baire one functions 69–81
Argyros, S.A., A.D. Arvanitakis and S.K. Mercourakis, Talagrand's $K_{\sigma\delta}$ problem 1737–1755
Arhangel'skii, A.V., Precalibers, monolithic spaces, first countability, and homogeneity in the class of compact spaces 2128–2136
Artico, G., L. Holá, U. Marconi and R. Moresco, Approximation by continuous functions in the Fell topology 2150–2157
Arvanitakis, A.D., see Argyros, S.A. 1737–1755
Aversa, V. and W. Wilczyński, Interior in the simple density topology 1974–1979
Avilés, A., The number of weakly compact convex subsets of the Hilbert space 1720–1725
Avilés, A. and Y. Moreno, Automorphisms in spaces of continuous functions on Valdivia compacta 2027–2030
Ayala, R., L.M. Fernández, A. Quintero and J.A. Vilches, A note on the pure Morse complex of a graph 2084–2089
Ayupov, Sh.A., see Albeverio, S. 1792–1799
Ball, R.N., J.N. Hagler and N. Ormes, Quotients of Bing spaces 1852–1866
Basile, D. and J. van Mill, Ohio completeness and products 180–189
Bazylevych, L., D. Repovš and M. Zarichnyi, Hyperspace of convex compacta of nonmetrizable compact convex subspaces of locally convex spaces 764–772
Beer, G., Between compactness and completeness 503–514
Bell, G. and A. Dranishnikov, Asymptotic dimension 1265–1296
Bella, A. and C. Costantini, Minimal KC spaces are compact 1426–1429
Benkhalifa, M., On the classification problem of the quasi-isomorphism classes of 1-connected minimal free cochain algebras 1350–1370
Bennett, H.R., D.J. Lutzer and G.M. Reed, Domain representability and the Choquet game in Moore and BCO-spaces 445–458
Bini, G., The Euler characteristics of $\mathcal{H}_{g,n}$ 121–126
Birbrair, L. and A. Fernandes, Local metric properties of semi-quasihomogeneous real surfaces 1772–1776
Bogatyi, S.A., Finite-to-one maps 1876–1887
Bonnet, R. and M. Rubin, A classification of CO spaces which are continuous images of compact ordered spaces 375–411

0166-8641/2008 Published by Elsevier B.V.
doi:10.1016/S0166-8641(08)00319-2

Brodskiy, N. and D. Sonkin, Compression of uniform embeddings into Hilbert space 725– 732
Brodsky, N., A. Chigogidze and E.V. Ščepin, Sections of Serre fibrations with 2-manifold fibers 773– 782
Brown, J.A., Remote points in products under CH 190– 200
Brown, L.M., R. Ertürk and A. Irkad, Sequentially dinormal ditopological texture spaces and dimetrizability 2177–2187
Cairns, G. and T.D. Pham, An example of a chaotic group action on Euclidean space by compactly supported homeomorphisms 161– 164
Cameron, P.J. and S. Tarzi, Limits of cubes 1454–1461
Carlson, T.J., N. Hindman, J. McLeod and D. Strauss, Almost disjoint large subsets of semigroups 433– 444
Castaño, D.R., A note on the theorem of Leray–Schauder 130– 134
Cattabriga, A. and M. Mulazzani, Extending homeomorphisms from punctured surfaces to handlebodies 610– 621
Cauty, R., L'espace des sélections d'une dendrite 783– 786
Chad, B. and R. Suabedissen, Symmetries of two-point sets 1213–1220
Charalambous, M.G., The gap between the dimensions of countably paracompact spaces 2216–2220
Charitos, C., I. Papadoperakis and G. Tsapogas, Incompressible surfaces in handlebodies and isotopies 696– 724
Chatyrko, V.A. and Y. Hattori, Addition and product theorems for ind 2202–2210
Chigogidze, A., Valdivia compact groups are products 605– 609
Chigogidze, A., see Brodsky, N. 773– 782
Chmielewska, K. and A. Maliszewski, Infinite products of Borel measurable functions 1996–2000
Choban, M.M., Reduction principles in the theory of selections 787– 796
Choban, M.M., E.P. Mihaylova and S.Y. Nedev, On selections and classes of spaces 797– 804
Chodounský, D. and E. Murtinová, Internal normality and internal compactness 201– 206
Choi, Y., Homology of gauge groups associated with special unitary groups 1340–1349
Cichoń, D., P. Krupski and K. Omiljanowski, Refinable and monotone maps revisited 207– 212
Cichoń, D., P. Krupski and K. Omiljanowski, Monotone maps, the likeness relation and G-structures 2031–2040
Cobb, J., n-point sets and graphs of functions 1804–1807
Colebunders, E., R. Lowen and E. Vandersmissen, Uniqueness of completion for metrically generated constructs 39– 55
Comfort, W.W., Pseudocompact groups: progress and problems 172– 179
Comfort, W.W., I.S. Gotchev and L. Recoder-Núñez, M-embedded subspaces of certain product spaces 2188–2195
Comfort, W.W. and J. van Mill, On the supremum of the pseudocompact group topologies 213– 224
Conner, G., M. Meilstrup, D. Repovš, A. Zastrow and M. Željko, On small homotopies of loops 1089–1097
Costantini, C., see Bella, A. 1426–1429
Cristea, L.L., On the connectedness of limit net sets 1808–1819
Daverman, R.J., Sewings of crumpled cubes revisited 105– 111
de la Vega, R., Basic homogeneity in the class of zero-dimensional compact spaces 225– 232
de Leo, L. and D. Dikranjan, Straightening Theorem for bounded Abelian groups 2158–2176
del Hoyo, M.L., On the subdivision of small categories 1189–1200
Delhommé, C., C. Laflamme, M. Pouzet and N. Sauer, Indivisible ultrametric spaces 1462–1478
Di Maio, G. and Lj.D.R. Kočinac, Some covering properties of hyperspaces 1959–1969
Dijkstra, J.J. and D. Visser, On generalized Erdős spaces 233– 251
Dikranjan, D. and A. Giordano Bruno, w-Divisible groups 252– 272
Dikranjan, D., see de Leo, L. 2158–2176
Djurčić, D., Lj.D.R. Kočinac and M.R. Žižović, Rapidly varying sequences and rapid convergence 2143–2149
Dobrowolski, T. and W. Marciszewski, Covering a Polish group by translates of a nowhere dense set 1221–1226
Dow, A. and S. Shelah, Tie-points and fixed-points in $\mathbb{N}^*$ 1661–1671
Dranishnikov, A., see Bell, G. 1265–1296
Dydak, J. and C.S. Hoffland, An alternative definition of coarse structures 1013–1021

Ercan, Z. and S. Önal, The Banach–Stone theorem revisited 1800–1803
Ergezen, F., On unilateral weighted shifts in noncommutative operator theory 1929–1934
Ertürk, R., see Brown, L.M. 2177–2187
Farah, I., Nonhomogeneity in products with $\beta\mathbb{N}$-spaces 273– 276
Fedorchuk, V.V., Transfinite dimensions Ind_m 1888–1908
Fernandes, A., see Birbrair, L. 1772–1776
Fernández, L.M., see Ayala, R. 2084–2089
Ferrando, I. and J. Rodríguez, The weak topology on L^p of a vector measure 1439–1444
Ferrando, I., see Alegre, C. 527– 539
Filipczak, M. and T. Filipczak, On f-density topologies 1980–1989
Filipczak, T., see Filipczak, M. 1980–1989
Fischer, H., Arc-smooth generalized universal covering spaces 1056–1065
Fleming, T., Milnor invariants for spatial graphs 1297–1305
Fomenko, T.N., Nielsen type invariants and the location of coincidence sets in positive codimension 2001–2008
Fonf, V.P. and P. Wojtaszczyk, Properties of the Holmes space 1627–1633
Fujiwara, K., Refined Kirby calculus for three-manifolds of first homology groups of odd prime orders 1382–1393
García Raffi, L.M. and E.A. Sánchez Pérez, Asymmetric norms and optimal distance points in linear spaces 1410–1419
Garcia-Ferreira, S. and A.H. Tomita, A non-normal topology generated by a two-point selection 1105–1110
García-Raffi, L.M., see Alegre, C. 527– 539
Garijo, I.C., The concept of hyperellipticity on surfaces with nodes 982– 991
Gartside, P. and B. Pejić, Uniqueness of Polish group topology 992– 999
Gel'man, B. and V. Obukhovskii, On connections between some selection and approximation results for multivalued maps 805– 813
Georgiou, D.N., S.D. Iliadis and A.C. Megaritis, Dimension-like functions and universality 2196–2201
Giordano Bruno, A., Dense minimal pseudocompact subgroups of compact Abelian groups 1919–1928
Giordano Bruno, A., see Dikranjan, D. 252– 272
González Gómez, A., see Alonso-Morón, M. 972– 981
González, L., S. Kilmer and J. Rebaza, From a KKM theorem to Nash equilibria in L-spaces 165– 170
Gotchev, I.S., see Comfort, W.W. 2188–2195
Gregoriades, V. and N. Papanastassiou, A localization of Γ-measurability 497– 502
Gregoriades, V. and N. Papanastassiou, The notion of exhaustiveness and Ascoli-type theorems 1111–1128
Grishanov, S.A. and V.A. Vassiliev, Two constructions of weight systems for invariants of knots in non-trivial 3-manifolds 1757–1765
Gutev, V., Selections and topological convexity 814– 823
Gutev, V. and T. Nogura, Selections and totally disconnected spaces 824– 829
Hagler, J.N., see Ball, R.N. 1852–1866
Hamanaka, H., S. Kaji and A. Kono, Samelson products in Sp(2) 1207–1212
Hattori, Y., see Chatyrko, V.A. 2202–2210
Hill, M.A., Cyclic comodules, the homology of j, and j-homology 1730–1736
Hindman, N., see Carlson, T.J. 433– 444
Hoffland, C.S., see Dydak, J. 1013–1021
Holá, L., see Artico, G. 2150–2157
Horvath, C.D., Topological convexities, selections and fixed points 830– 850
Howards, H.N. and J. Schultens, Thin position for knots and 3-manifolds 1371–1381
Hu, M. and S. Wen, Quasisymmetrically minimal uniform Cantor sets 515– 521
Hubička, J. and J. Nešetřil, A finite presentation of the rational Urysohn space 1483–1492
Hung, H.H., Symmetric and tufted assignments of neighbourhoods and metrization 2137–2142
Hušek, M., Urysohn universal space, its development and Hausdorff's approach 1493–1501
Iliadis, S., Universal Borel mappings and Borel actions of groups 2017–2026
Iliadis, S.D., On isometrically universal spaces, mappings, and actions of groups 1502–1515

Iliadis, S.D. and J. van Mill, Preface 1875–1875
Iliadis, S.D., see Georgiou, D.N. 2196–2201
Irkad, A., see Brown, L.M. 2177–2187
Ishiu, T., A non-D-space with large extent 1256–1263
Ivanov, G.E., Continuous selections of multifunctions with weakly convex values 851– 857
Iwase, N. and M. Sakai, Functors on the category of quasi-fibrations 1403–1409
Jelić, M., see Mršević, M. 1947–1958
Jewell, K., Deletion–restriction for subspace arrangements 733– 747
Jezierski, J., E. Keppelmann and W. Marzantowicz, Homotopy minimal periods for maps of three-dimensional solvmanifolds 923– 945
Jordan, F., There are no hereditary productive γ-spaces 1786–1791
Juhász, I. and Z. Szentmiklóssy, On d-separability of powers and $C_p(X)$ 277– 281
Juhász, I. and Z. Szentmiklóssy, A strengthening of the Čech–Pospišil theorem 2102–2104
Junqueira, L.R., see Alas, O.T. 1420–1425
Kadokami, T., Reidemeister torsion and lens surgeries on knots in homology 3-spheres II 1699–1707
Kaji, S., see Hamanaka, H. 1207–1212
Kalenda, O.F.K., On products with the unit interval 1098–1104
Kališnik, J., Representations of orbifold groupoids 1175–1188
Karassev, A., Michael's problem and weakly infinite-dimensional spaces 1694–1698
Karimov, U.H. and D. Repovš, Examples of cohomology manifolds which are not homologically locally connected 1169–1174
Keppelmann, E., see Jezierski, J. 923– 945
Kilmer, S., see González, L. 165– 170
Koceić Bilan, N., Comparing monomorphisms and epimorphisms in *pro* and *pro**-categories 1840–1851
Kočinac, Lj.D.R., see Di Maio, G. 1959–1969
Kočinac, Lj.D.R., see Djurčić, D. 2143–2149
Kołodziejczyk, D., A connected 4-dimensional polyhedron with two homotopy decompositions into prime factors 1970–1973
Kono, A., see Hamanaka, H. 1207–1212
Kopperman, R., see Andima, S. 146– 160
Kowalewski, M. and A. Maliszewski, Separating sets by Darboux quasi-continuous functions 1990–1995
Kozlov, K.L., Characterization of compact spaces with noncoinciding dimensions which are subsets of products of simple spaces 2009–2016
Krupski, P., see Cichoń, D. 207– 212
Krupski, P., see Cichoń, D. 2031–2040
Kunen, K., Dissipated compacta 282– 303
Laflamme, C., see Delhommé, C. 1462–1478
Lajara, S., Weak compactness, transfinite Schauder bases and differentiability 1430–1433
Lauda, A.D. and H. Pfeiffer, Open–closed strings: Two-dimensional extended TQFTs and Frobenius algebras 623– 666
Leiderman, A., V. Pestov, M. Rubin, S. Solecki and V. Uspenskij, Preface 1451–1452
Li, R., see Zhong, S. 1726–1729
Lin, W.-H., $Ext_A^{4,*}(\mathbb{Z}/2,\mathbb{Z}/2)$ and $Ext_A^{5,*}(\mathbb{Z}/2,\mathbb{Z}/2)$ 459– 496
Liu, X. and N. Nakamura, Nonsmoothable group actions on elliptic surfaces 946– 964
Lopez-Abad, J. and L. Nguyen Van Thé, The oscillation stability problem for the Urysohn sphere: A combinatorial approach 1516–1530
Loridant, B. and J.M. Thuswaldner, Interior components of a tile associated to a quadratic canonical number system 667– 695
Löwen, R., E. Soytürk and G.F. Steinke, Blowing up points and embedding flat stable planes in the nonorientable compact surface of genus one 1041–1055
Lowen, R., see Colebunders, E. 39– 55
Lutzer, D.J., see Bennett, H.R. 445– 458

Mai, J. and E. Shi, The nonexistence of expansive commutative group actions on Peano continua having free dendrites 33– 38
Maliszewski, A., see Chmielewska, K. 1996–2000
Maliszewski, A., see Kowalewski, M. 1990–1995
Marciszewski, W., see Dobrowolski, T. 1221–1226
Marconi, U., see Artico, G. 2150–2157
Mardešić, S., Functoriality of the standard resolution of the Cartesian product of a compactum and a polyhedron 1– 32
Mardešić, S., Functoriality of the standard resolution of the Cartesian product of a compactum and a polyhedron II 1708–1719
Marzantowicz, W., see Jezierski, J. 923– 945
Masa, X.M., see Álvarez López, J.A. 544– 604
McLeod, J., see Carlson, T.J. 433– 444
Megaritis, A.C., see Georgiou, D.N. 2196–2201
Megrelishvili, M., Every topological group is a group retract of a minimal group 2105–2127
Meilstrup, M., see Conner, G. 1089–1097
Melleray, J., Some geometric and dynamical properties of the Urysohn space 1531–1560
Mercourakis, S.K., see Argyros, S.A. 1737–1755
Michael, E., see Namioka, I. 858– 860
Mihaylova, E.P., see Choban, M.M. 797– 804
Minian, E.G. and E.M. Ottina, A geometric decomposition of spaces into cells of different types II: Homology theory 1777–1785
Mishchenko, A.S. and P.S. Popov, Poincaré duality and signature for topological manifolds 2041–2047
Moore, J.T., An L space with a d-separable square 304– 307
Moors, W.B. and E.A. Reznichenko, Separable subspaces of affine function spaces on convex compact sets 1306–1322
Moreno, Y., see Avilés, A. 2027–2030
Moresco, R., see Artico, G. 2150–2157
Morillon, M., Countable choice and compactness 1077–1088
Mouron, C., Expansive homeomorphisms and plane separating continua 1000–1012
Mozgova, A., $\mathbb{Z}_n$-manifolds in 4-dimensional graph-manifolds 1635–1643
Mršević, M. and M. Jelić, Selection principles, γ-sets and α_i-properties in Čech closure spaces 1947–1958
Mulazzani, M., see Cattabriga, A. 610– 621
Murtinová, E., On (weakly) Whyburn spaces 2211–2215
Murtinová, E., see Chodounský, D. 201– 206
Nagasaki, I. and F. Ushitaki, Isovariant maps from free C_n-manifolds to representation spheres 1066–1076
Nakamura, N., see Liu, X. 946– 964
Namioka, I., Ernie 754– 754
Namioka, I. and E. Michael, A note on convex G_δ-subsets of Banach spaces 858– 860
Nedev, S.Y., see Choban, M.M. 797– 804
Nešetřil, J., see Hubička, J. 1483–1492
Nguyen Van Thé, L., see Lopez-Abad, J. 1516–1530
Nickolas, P., see Andima, S. 146– 160
Niemiec, P., Generalized Haar integral 1323–1328
Nogura, T., see Gutev, V. 824– 829
Obukhovskii, V., see Gel'man, B. 805– 813
Omiljanowski, K., see Cichoń, D. 207– 212
Omiljanowski, K., see Cichoń, D. 2031–2040
Önal, S., see Ercan, Z. 1800–1803
Ormes, N., see Ball, R.N. 1852–1866
Ottina, E.M., see Minian, E.G. 1777–1785
Papadoperakis, I., see Charitos, C. 696– 724
Papanastassiou, N., see Gregoriades, V. 497– 502

Papanastassiou, N., see Gregoriades, V. 1111–1128
Park, H., The second bounded cohomology of hypo-Abelian groups 1027–1039
Park, S., Applications of Michael's selection theorems to fixed point theory 861– 870
Paseka, J., Projective sup-algebras: a general view 308– 317
Pasynkov, B.A., On the subset theorem in dimension theory 1909–1918
Pejić, B., see Gartside, P. 992– 999
Pellicer-Covarrubias, P., $\frac{1}{2}$-homogeneity in symmetric products 1650–1660
Peng, L.-X., On finite unions of certain D-spaces 522– 526
Peng, L.-X., On linear neighborhood assignments and dually discrete spaces 1867–1874
Pestov, V., see Leiderman, A. 1451–1452
Pestov, V.G., A theorem of Hrushovski–Solecki–Vershik applied to uniform and coarse embeddings of the Urysohn metric space 1561–1575
Pfeiffer, H., see Lauda, A.D. 623– 666
Pham, T.D., see Cairns, G. 161– 164
Pilarczyk, P. and K. Stolot, Excision-preserving cubical approach to the algorithmic computation of the discrete Conley index 1149–1162
Popov, P.S., see Mishchenko, A.S. 2041–2047
Pouzet, M., see Delhommé, C. 1462–1478
Protasov, I.V., Dynamical equivalences on G^* 1394–1402
Quintero, A., see Ayala, R. 2084–2089
Randall Holmes, M., The Urysohn space embeds in Banach spaces in just one way 1479–1482
Rebaza, J., see González, L. 165– 170
Recoder-Núñez, L., see Comfort, W.W. 2188–2195
Reed, G.M., see Bennett, H.R. 445– 458
Repovš, D., W. Rosicki, A. Zastrow and M. Željko, Embeddability of multiple cones 1201–1206
Repovš, D. and P.V. Semenov, Preface 749– 751
Repovš, D. and P.V. Semenov, Ernest Michael and theory of continuous selections 755– 763
Repovš, D., see Bazylevych, L. 764– 772
Repovš, D., see Conner, G. 1089–1097
Repovš, D., see Karimov, U.H. 1169–1174
Reznichenko, E.A., Stratifiability of $C_k(X)$ for a class of separable metrizable X 2060–2062
Reznichenko, E.A., see Moors, W.B. 1306–1322
Ricceri, B., A class of functions whose sublevel sets are absolute retracts 871– 873
Richmond, B., Principal topologies and transformation semigroups 1644–1649
Ridderbos, G.J., A characterization of power homogeneity 318– 321
Rinot, A., On topological spaces of singular density and minimal weight 135– 140
Rodríguez, J., see Ferrando, I. 1439–1444
Rosicki, W., see Repovš, D. 1201–1206
Rubin, L.R., Unbounded sets of maps and compactification in extension theory 82– 91
Rubin, M., see Bonnet, R. 375– 411
Rubin, M., see Leiderman, A. 1451–1452
Rudin, M.E., A mathematical friendship 752– 753
Ryden, D.J., The Sarkovskii order for periodic continua II 92– 104
Saeki, O. and T. Yamamoto, Singular fibers and characteristic classes 112– 120
Sakai, M., see Iwase, N. 1403–1409
Sánchez Pérez, E.A., see Alegre, C. 527– 539
Sánchez Pérez, E.A., see García Raffi, L.M. 1410–1419
Sánchez-Gabites, J.J. and J.M.R. Sanjurjo, Multivalued maps, selections and dynamical systems 874– 882
Sanchis, M., Moscow spaces and selection theory 883– 888
Sanchis, M. and M. Tkachenko, Totally Lindelöf and totally ω-narrow paratopological groups 322– 334
Sanjurjo, J.M.R., see Sánchez-Gabites, J.J. 874– 882
Sauer, N., see Delhommé, C. 1462–1478
Ščepin, E.V., see Brodsky, N. 773– 782

Schlackow, I., Centripetal operators and Koszmider spaces 1227–1236
Schröder, L., Linearizability of non-expansive semigroup actions on metric spaces 1576–1579
Schultens, J., see Howards, H.N. 1371–1381
Seeliger, N., Cohomology of the free loop space of a complex projective space 127– 129
Semenov, P.V., see Repovš, D. 749– 751
Semenov, P.V., see Repovš, D. 755– 763
Shelah, S., see Dow, A. 1661–1671
Shi, E., see Mai, J. 33– 38
Shishkov, I., Collectionwise normality and selections into Hilbert spaces 889– 897
Shulman, M.A., Parametrized spaces model locally constant homotopy sheaves 412– 432
Simon, P., Foreword 171– 171
Simon, P., A countable Fréchet–Urysohn space of uncountable character 1129–1139
Singh, M., $\mathbb{Z}_2$ actions on complexes with three non-trivial cells 965– 971
Sipacheva, O.V., Unconditionally τ-closed and τ-algebraic sets in groups 335– 341
Sipacheva, O.V., Nonequality of dimensions for metric groups 2063–2083
Skordev, G. and V. Valov, Dimension-raising theorems for cohomological and extension dimensions 2090–2101
Smith, M., Hereditarily indecomposable subcontinua of inverse limits of Souslin arcs are metric 540– 543
Sokolovskaya, A., G-compactifications of pseudocompact G-spaces 342– 346
Solecki, S., see Leiderman, A. 1451–1452
Sonkin, D., see Brodskiy, N. 725– 732
Soukup, L., Nagata's conjecture and countably compact hulls in generic extensions 347– 353
Soytürk, E., see Löwen, R. 1041–1055
Špitalský, V., Omega-limit sets in hereditarily locally connected continua 1237–1255
Stanculescu, A.E., Note on a theorem of Bousfield and Friedlander 1434–1438
Steinke, G.F., see Löwen, R. 1041–1055
Stolot, K., see Pilarczyk, P. 1149–1162
Strauss, D., see Carlson, T.J. 433– 444
Suabedissen, R., see Chad, B. 1213–1220
Szentmiklóssy, Z., see Juhász, I. 277– 281
Szentmiklóssy, Z., see Juhász, I. 2102–2104
Tanaka, R., On trivialities of Stiefel–Whitney classes of vector bundles over highly connected complexes 1687–1693
Tarzi, S., see Cameron, P.J. 1454–1461
Thuswaldner, J.M., see Loridant, B. 667– 695
Tkachenko, M., see Sanchis, M. 322– 334
Tkacz, P. and M. Turzański, An n-dimensional version of Steinhaus' chessboard theorem 354– 361
Tolstonogov, A.A., Existence and relaxation theorems for extreme continuous selectors of multifunctions with decomposable values 898– 905
Tomita, A.H., see Garcia-Ferreira, S. 1105–1110
Trnková, V., Categorical aspects are useful for topology—after 30 years 362– 373
Trnková, V., Isomorphism and local isomorphism of clones of spaces 1677–1686
Tsaban, B., On the Kočinac α_i properties 141– 145
Tsapogas, G., see Charitos, C. 696– 724
Turzański, M., see Tkacz, P. 354– 361
Ushitaki, F., see Nagasaki, I. 1066–1076
Uspenskij, V., see Leiderman, A. 1451–1452
Uspenskij, V.V., On subgroups of minimal topological groups 1580–1606
Usvyatsov, A., Generic separable metric structures 1607–1617
Valov, V., Parametric bing and Krasinkiewicz maps 906– 915
Valov, V., see Skordev, G. 2090–2101
van Mill, J., see Basile, D. 180– 189
van Mill, J., see Comfort, W.W. 213– 224

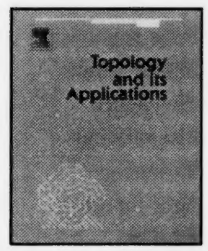
van Mill, J., see Iliadis, S.D. 1875–1875
Vandersmissen, E., see Colebunders, E. 39– 55
Vasilevska, V., Homology n-spheres as codimension-$(n+1)$ shape m_{simpl}-fibrators 1140–1148
Vassiliev, V.A., see Grishanov, S.A. 1757–1765
Verner, J., Lonely points in ω^* 1766–1771
Vershik, A.M., Globalization of the partial isometries of metric spaces and local approximation of the group of isometries of Urysohn space 1618–1626
Vilches, J.A., see Ayala, R. 2084–2089
Visser, D., see Dijkstra, J.J. 233– 251
Vlasák, V. and M. Zelený, Compact sets of continuity for Borel functions 1672–1676
Vural, Ç., Paracompactness of paratopological groups which are GO-spaces 1329–1331
Wajnryb, B. and A. Wisniowska-Wajnryb, Lifting of homeomorphisms to 4-sheeted branched coverings of a disk 1820–1839
Wang, Y. and G. Wei, Characterizing mixing, weak mixing and transitivity of induced hyperspace dynamical systems 56– 68
Wei, G., see Wang, Y. 56– 68
Wen, S., see Hu, M. 515– 521
Wilczyński, W., see Aversa, V. 1974–1979
Wilson, R.G., see Alas, O.T. 1420–1425
Wisniowska-Wajnryb, A., see Wajnryb, B. 1820–1839
Wojtaszczyk, P., see Fonf, V.P. 1627–1633
Won, S.Y., see Zhong, S. 1726–1729
Wu, H.J. and W.-H. Wu, An arbitrary Hausdorff compactification of a Tychonoff space X obtained from a C_D^*-base by a modified Wallman method 1163–1168
Wu, W.-H., see Wu, H.J. 1163–1168
Yamamoto, T., see Saeki, O. 112– 120
Yamauchi, T., Continuous selections avoiding extreme points 916– 922
Yoshinaga, M., Generic section of a hyperplane arrangement and twisted Hurewicz maps 1022–1026
Zafiridou, S., Universal dendrites for some families of dendrites with a countable set of end points 1935–1946
Zaitov, A.A., see Albeverio, S. 1792–1799
Zakrzewski, P., Universally meager sets, II 1445–1449
Zarelua, A.V., On invariant tensors on the group ring of finite groups 2048–2059
Zarichnyi, M., see Bazylevych, L. 764– 772
Zastrow, A., see Conner, G. 1089–1097
Zastrow, A., see Repovš, D. 1201–1206
Zelený, M., see Vlasák, V. 1672–1676
Zelenyuk, Y., Topologies on groups determined by discrete subsets 1332–1339
Željko, M., see Conner, G. 1089–1097
Željko, M., see Repovš, D. 1201–1206
Zhong, S., R. Li and S.Y. Won, An improvement of a recent closed graph theorem 1726–1729
Žižović, M.R., see Djurčić, D. 2143–2149

Topology and its Applications 155 (2008) IX–XV

Contents lists available at ScienceDirect

Topology and its Applications

www.elsevier.com/locate/topol



Subject index volume 155

1-connected minimal free cochain algebra 1350
1-cyclic continuum 1000
1-ULC 1089
3-dimensional solvmanifold 923
3-manifold decomposition 1371
α-derivative 1935
α_2 1786
α_3-space 1129
α_4-space 1129
α_i-properties 1947, 2143
$\beta\mathbb{N}$-spaces 273
$\beta\omega$ 1766
$\mathbf{C}^*_{\boldsymbol{D}}$-base 1163
$\mathbf{C}^*_{\boldsymbol{D}}$ space 1163
$\diamondsuit^+$ 1256
ϵ-map 2031
$\frac{1}{2}$-homogeneous 1650
$\frac{1}{n}$-homogeneous 1650
γ-(interior) cover 1947
γ-set 1786
γ-sets 1947
Γ continuity 497
Γ measurability 497
κ-bounded group 252
κ-box topology 2188
κ-(interior) cover 1947
κ-normality 201
κ-pseudocompact group 252
μ-space 1909
π-base 2128
π-character 2128
π-weight 318
π_1-injective 1635
σ-product 1909
σ-ideal 1445
Σ^0_ξ pointclass 497
τ-smooth order-preserving functional 1792
Δ^+-topology 1947
Σ-product 2188

A

Absolute co-extensor 82
Absolute degree of a map 1876
Absolute extensor 82
Absolute retract 871
Actions by isometries 1531
Acyclic matching 2084
Adams spectral sequence 459, 1730
Alexander polynomial 1699
Algebraic set 335
Almost convex set 861
Almost disjoint 433
Almost disjoint family 1129
Almost fixed point property 861
Analytic 992
ANR 1650, 1970
Approach space 39
Approximate fibration 1140
Approximation 755, 773
Approximation of the isometries 1618
Approximation Tverberg theorem 1876
Arc-smooth 1056
Arhangel'skiĭ α_i spaces 141
Arithmetic groups 1382
Arrangements of subspaces 733
Aspherical 1056
Asymmetric norm 1410
Asymmetric normed linear space 527
Asymmetric topologies 146
Asymptotic dimension 1013, 1265
Atsuji metric 503
Attractors 874
Automorphic space 2027
Automorphism 1661, 2027
Axiom of choice 1077

B

$B_1(X, E)$ spaces 69
$\mathcal{B}_{\boldsymbol{D}}$-filter base 1163
Baire class α 1996
Baire property 1445
Ball algebra 1929
Banach space 755, 1077, 1479
Banach–Stone theorem 1800
Band slides 1382
Base change 412
Basic $\mathcal{B}_{\boldsymbol{D}}$-filter 1163
Basic closed $\mathbf{C}^*_{\boldsymbol{D}}$-filter 1163
Basic closed $\mathbf{C}^*_{\boldsymbol{D}^*}$-filter 1163

0166-8641/2008 Published by Elsevier B.V.
doi:10.1016/S0166-8641(08)00320-9

Basic sequences 2137
Biliard lemma 1618
Bing space 1852
Biseparating 1800
Bitopology 146
Bohr topology 213, 2158
Bordism 2001
Borel 992
Borel functions 1672
Borel sets 1445
Borsuk–Ulam theorem 1066
Bounded Abelian group 2158
Bounded subset 883
Boundedness 1959
Braids 1820
Branched coverings 1820
Bridge position 1371
Bundles of groups 1175

C

C-embedded 2188
C-embedded subset 883
C-scattered 1867
C-spaces 906, 1694
c-system 814
$C_p(X)$ 277
C^*-embedded 2188
C^∞ approximation 544
Canonical number systems 667
Cardinal function 135
Cardinal invariants 1221
Cartesian product 1, 1708
CAT(0) 1056
CAT(0) cubical complex 725
Category 1840
Cauchy filter 39
ccc Boolean algebras 190
Čech closure space 1947
Čech–Pospišil theorem 2102
Cell structures 1777
Cellular homology 1777
Central 433
Centripetal operators 1227
Chainable 92
Chaos 161
Characteristic class 112
Chord diagram 1757
Classifying space 112, 1189
Clone segments 362
Clones 362
Clones and their segments 1677
Closed $\boldsymbol{C}^*_{\boldsymbol{D}}$-filter base 1163
Closed $\boldsymbol{C}^*_{\boldsymbol{D}^*}$-filter base 1163
Closed convex hulls of compact sets 858
Closed graph 1726
Closed n-cell complement 105
Cluster point 1426
Coarse embedding 1561
Coarse structures 1013
Coarser topology 1426
Cobordism 623
Cofinally Cauchy sequence 503
Cofinally complete metric 503
Coherent isomorphism 1350
Coherent mapping 1
Cohomological dimension 82
Cohomologically locally connected 1169
Cohomology 127
Cohomology manifold 1169
Cohomology of groups 2048
Cohomology ring 965
Coincidence 2001
Coloring function 354
Combinatorial cube 354
Combinatorial map 1149
Commutative group action 33
Commutator length 1169
Comodule 1730
Compact (Abelian) group 1919
Compact convex sets 764, 1098, 1306, 1720
Compact group 252, 605
Compact orderable spaces 375
Compact semigroups 1323
Compact solvmanifold 923
Compact space 277, 2102
Compact space (not necessarily T_2) 1426
Compact–open topology 2060
Compactification 82, 347, 1888
Compactness 527, 797, 972
Compactness degree 797
Compactum 2009, 2128
Comparison of topologies 1980
Complete Erdős space 233
Complete metric 503
Completion 39, 1454
Component-homotopy 1297
Computational homology 1149
Concise representation 1483
Cone 1201
Cone over a compact space 1098
Conley index 1149
Connectedness 1808
Connective j 1730
Containing space 1935
Continuous carrier 883
Continuous functor 1403
Continuous images 375
Continuous mappings 1726
Continuous maps between finite powers 1677
Continuous selections 755, 805, 824, 830, 851, 858
Continuous selectors 898
Continuum 92, 1237, 1650
Convex 1056
Convex structure 814
Convex triangle 1041
Convex-valued 755
Corona 1394
Countable dimensional space 1888
Countable paracompactness 916
Countably compact 347
Countably compact hull 347
Countably compactifiable 347
Countably paracompact 2216
Countably-compactification 347
Covering 2102
Covering and inductive dimensions of topological spaces 2216
Covering dimension 82, 2009

Covering dimension dim 2063
Critical simplex 2084
Crumpled cube 105
Cube 1454
Cubes 354
Cubical homology 1149
CW-complexes 82, 1777, 1970
Cyclic group action 1066

D
d-separable space 277
D-space 522, 1256, 1420, 1867
d-transversal multiplicity of a map 1876
d-weight 252
Darboux property 1990
DC-like space 522, 1867
Degree theory 130
deGroot dual 146
Deletion–restriction 733
Dendrites 783, 1935
Density 1792, 2128
Density points 1974, 1980
Density topology 1974, 1980
Descriptive set theory 1672
Didevelopability 2177
Dieudonné topological completion 2188
Dimension 282, 1265, 1909
Dimension-like function 2196
Dimetric 2177
Dimetrizability 2177
Direct product 1
Discrete group 1265
Discrete kernel 1420
Discrete Morse function 2084
Discrete subset 1332, 1426
Discrete subspace 277, 2102
Discretely complete space 1420
Disjoint Disks 105
Distances 69
Ditopology 2177
Double branched cover 1371
Dually discrete 1867
Dually discrete space 1420
Dynamical system 1149
Dynamical systems 874

E
Eberlein compact 2027
Edge-homotopy 1297
Eilenberg–Moore spectral sequence 1340
Elliptic surface 946
Ellis theorem 146
Embeddability 1201
Embedding 1041
Embeddings of categories 362
End points 1935
Epimorphism 1840
Equicontinuity 1111
Erdős space 233
Essential subgroup 1919
Ex-spaces 412
Excision 1149
Exhaustiveness 1111
Existence and relaxation theorems 898
Expansive homeomorphism 1000
Expansiveness 33
Extending homeomorphisms 610
Extension theory 82
Extent 1256
Extremal topological group 172
Extremally disconnected space 1332
Extreme points 898, 916, 1306, 1627

F
Fell topology 2150
Fibration 412, 965, 1403
Fibrewise 1403
Finite dimensional compact metrizable space 1876
Finite groups 2048
Finite products 1677
Firm reflection 39
First countable 347, 2128
First countable and separable spaces 2216
Fixed points 233, 830, 871, 1576, 1661
Flat stable plane 1041
Foliated map 544
Foliation spectral sequence 544
Forcing 347
Frame 308
Fréchet 1786
Fréchet spaces 755, 1726
Fréchet–Urysohn space 1129
Free dendrite 33
Free sequence 2128
Frobenius algebra 623
Function space 2060
Functional Hilbert spaces 1929

G
(g, b)-decompositions of knots and links 610
G-compactification 342
G-space 342
G-structure 2031
G_δ-dense subgroup 172
G_δ-dense subset 883
G_δ-subset of a function space 1876
Gauge group 1207, 1340
Generalized convexity 830
Generalized covering space 1056
Generic structures 1483, 1607
Geometric poset 733
Globalization 1618
GO-space 1329, 1420
Graph 207, 2031
Graph of a function 1804
Graph-manifold 1635
Green's left quasiorder 1644
Group actions 161, 946, 965
Group of isometries 1561
Group representation 2105

H
Haar measure 1323
Hahn–Banach 1077
Handlebodies 610
Handlebody 696
Hasse diagram 2084

Hausdorff distance 503, 755
Heisenberg type group 2105
Hereditarily decomposable 92
Hereditarily indecomposable continuum 1852
Hereditarily indecomposable space 906
Hereditarily Lindelöf space 135
Hereditarily locally connected continuum 1237
Hewitt realcompactification 2188
Higson compactification 1013
Hilbert ball 1098
Hilbert half-ball 1098
Hilbert space 783, 889
Hilbert space compression 725
Hiperelliptic surfaces 982
Holmes space 1627
Homeomorphisms 33, 1820
Homeomorphisms of products of spaces 362
Homogeneous compact spaces 273
Homogeneous relational structures 1462
Homogeneous space 2128
Homologically locally connected 1169
Homotopically Hausdorff 1089
Homotopically trivial set 814
Homotopy 972, 2001
Homotopy category 1189
Homotopy commutativity 1207
Homotopy groups 1022
Homotopy minimal period 923
Homotopy sheaves 412
Homotopy theory 127
Homotopy type 1970
Hopfian manifold 1140
Hrushovski–Solecki–Vershik theorem 1561
Hurewicz 1786
Hyperbolic group 725
Hyperelliptic curve 121
Hypergeometric function 121
Hyperplane arrangements 1022
Hyperspace topology 814, 824
Hyperspaces 755, 764, 1650, 1947, 1959
Hypo-Abelian groups 1027

I
i-connected chain 354
Ideals of compact sets 1672
Idempotent 1580
Identity sets 992
Incompressible surface 696
Indecomposable continuum 540
Index pair 1149
Inductive dimensions 2009
Infinite game 2143
Infinite product of functions 1996
Infinite-dimensional 1694
(Interior) Δ-cover 1947
Interior of set 1974
Invariant measures 1323
Inverse limit 1, 282, 1708
Inverse spectrum 605
Inverse system 1, 1708
Irreducibility 1766
Irreducible map 282
Isometric universality 2017
Isometrically universal space 1502
Isometry 1479, 1580
Isometry group 1213, 1454
Isomorphism classes 1350
Isotopy 696
Isovariant map 1066
Iterated loop space 1340
Iterated torus knot 1699

J
James boundary 1439
Join 965
Joint continuity 1111

K
$\mathcal{K}$-analytic space 1737
k-(bi)space 146
K-comonad 308
k-dual 146
K-embedding-invertible map 82
K-invertible map 82
K-liftable sequence 82
k-regular map 1876
K-smooth norm 1430
$\mathcal{K}_{\sigma\delta}$ space 1737
KC space 1426
Kirby calculus 1382
KKM theorem 165
Klein surfaces with nodes 982
Knot invariant 1757
Kočinac α_i selection principles 141
Koszmider spaces 1227
Kulesza's space with noncoinciding dimensions 2063

L
L-spaces 165, 282
λ-set 1786
Landweber–Novikov class 112
Lefschetz theorem 1022
Lens surgery 1699
Leray–Schauder's theorem 130
Lexicographical ordering 540
Lie group 992
Lindelöf 1256
Lindelöf number 797
Linear neighborhood assignment 1867
Linear space 787
Linearization 1576
Link-homotopy 1297
Lipschitz geometry 1772
Local dendrite 1650
Local planarity 1201
Local system homology groups 1022
Localization 1434
Locally connected continuum 2031
Locally countable extent 1420
Locally linear 946
Locally skew compact 146
Locally solid Riesz space 1800
Lonely point 1766
Loop spaces 127
LOTS 282
Lower semi-continuous 755, 889
Lower semi-continuous functions 233

Lower semicontinuous carrier 883

M
M-embedded 2188
M-space 347
Manifold 2001
Manifold homotopically determined by π_1 1140
Manifold with corners 623
Mapping class groups 610
Martin's axiom 347, 1256
Matrix coefficient 2105
Maximal first countable extension 347
Meager sets 1445
Measure and category 1445
Metric 39
Metric approximation property 1627
Metric geometry 1516
Metric spaces 1454, 1462, 1576
Metric structures 1607
Metrically generated theory 39
Metrizability 1306, 2137
Metrizability of Moore spaces 2137
Metrizable family 787
Metrizable topological group 2063
Michael system 805
Michael's problem 1694
Milnor group 1297
Milnor numbers 1297
Minimal barrier 354
Minimal group 1919, 2105
Minimal *KC* space 1426
Minimal period 923
Mismatch property 105
Model categories 1434
Model category 412
Model solvmanifold 923
Moduli space 121
Monoids of selfmaps 1677
Monolithic 1306
Monolithic space 2128
Monomorphism 1840
Monotone map 207, 2031
Moore space 522
Moran fractal 1808
Moscow space 883
Mrówka's space with noncoinciding dimensions 2063
Multifunctions 851
Multimap class $\mathfrak{B}$ 861
Multimap (map) 861
Multivalued function 2150
Multivalued mapping 755
Multivalued maps 805, 874

N
n-point set 1804
(Nachbin) ordered topological space 146
Nagata's conjecture 347
Nash equilibria 165
Neighbourhood assignment 1420
Nerve 733
Nielsen fixed point theory 923
No-broken-circuit set 733
Non-complemented subspaces 1627
Non-metric continuum 540
Non-normal space 1105
Non-symmetric topology 527
Noncommutative signature 2041
Nonlinear analysis 130
Nonorientable compact surface of genus one 1041
Nonseparable Banach space 1430
Normal 2216
Nowhere dense sets 1221
Numerical function 2143

O
ω-(interior) cover 1947
Omega-limit set 1237
Open–closed string 623
Operator algebras 1929
Optimal distance 1410
Orbifold groupoids 1175
Orbifolds 1175
Oscillation 69
Oscillation stability 1516

P
P-point 1332
Paracompact 1329, 2216
Paracompactness 2137
Parametrized spaces 412
Paratopological group 146, 1329
Partial integral 497
Partition theory 1462
Path space 1089
Peano continuum 33, 1089, 1201
Periodic continuum 92
Planar graph 1201
Planar set 1804
Plane separating continuum 1000
Poincaré duality 2041
Poincaré duality groups 1970
Point-finite assignments 2137
Polish groups 992, 1221, 1531
Polish topology 1445
Polyhedron 1201, 1840, 1970
Posets 1189
Power homogeneity 318
Power of a space 277
Precaliber 2128
Precompact group 172
Precompact topological group 213
Prevalent singular cardinals 135
Prime factor 1970
Prime shape 1970
Principal topology 1644
Pro-category 1840
Probability measures 1694
Product of ordinals 1420
Products 273, 2009
Profinite group 992
Projective sup-algebras 308
Proper Forcing axiom 1256
Pseudo-(α, κ)-compact 2188
Pseudo-paracompactness 2137
Pseudocompact group 172, 252, 1919
Pseudocompact topological group 213
Pseudocompactness 342

Pseudogroup morphism 544
Pure complex of discrete Morse functions 2084

Q
Quantale 308
Quasi-continuity 1990
Quasi-finite complex 82
Quasi-linear mappings 1726
Quasi-metrics 1410
Quasisymmetric map 515
Quasisymmetrically minimal set 515

R
Radon measure 282
Radon order-preserving functional 1792
Ramsey theory 1516
Ramsey ultrafilter 1332
Random fractals 1808
Rapid convergence 2143
Rapidly varying function 2143
Rapidly varying sequence 2143
Rational homology 3-spheres 1382
Reduction principle 787
Refinable map 207
Refinements 2137
Regular operation 805
Regular spaces 2202
Reidemeister torsion 1699
Relative compactness 201
Relative normality 201
Remote points 190, 1766
Representable orbifolds 1175
Representation of groups 2048
Representations of groupoids 1175
Resolution 1, 1708
Riemann surfaces with nodes 982
Riemannian foliation 544
Riemannian pseudogroup 544
Right Quillen embedding 412
Right topological semigroup 1394
Rigid 1213
Roelcke compactification 1580

S
$\mathcal{S}$-quasi-finite complex 82
Samelson product 1207
Sarkovskii 92
Saturated class 1502, 2017, 2196
Scattered compact space 1098
Scattered spaces 282, 375
Second bounded cohomology 1027
Section 773
Seiberg–Witten invariants 946
Selection principles 1947, 1959, 2143
Selections 773, 783, 787, 797, 814, 861, 874, 889, 916, 1694
Selections for set-valued maps 906
Selectors 69
Semigroup 1580
Semigroup action 1576
Semitopological group 146
Separable metric space 1493
Separating 1800
Separating sets 1990
Sequential dinormality 2177
Serre fibration 773
Serre spectral sequence 127, 1340
Set-valued contraction 871
Set-valued map 69
Set-valued mapping 787, 797, 814, 889, 916
Sewing 105
Shape 1, 972, 1708, 1840, 1970
Shape domination 1
Shape injective 1089
Shape $m_{simpl}(o)$-fibrator 1140
Simple map 1876
Simplex 354
Simplicial approximation 1708
Simplicial mapping 1708
Simplicial presheaves 412
Single-valued approximation 805
Singular cardinals combinatorics 135
Singular density 135
Singular fiber 112
Singular group 252
Singular surfaces 1772
Slowly oscillating function 1394
Small inductive dimension 2202
Small inductive dimension ind 2063
Soft map 764
Souslin number 2128, 2188
Space of continuous functions 2027, 2211
Space of integrable functions 1439
Space of probability measures 1098
Spatial graph 1297
Specialization order 146
Squaring operation 1687
Stationary set 1329
Steenrod algebra 459, 1730
Stiefel–Whitney class 1687
Stone–Cech 1661
Stone–Čech compactification 82, 1394, 2188
Stratifiable 2060
Strong Σ-space 522
Strong metrizability 2137
Strong paracompactness 797
Strong shape 1
Strong shape domination 1
Strongly exposed points 898
(Strongly) Fréchet–Urysohn space 1947
Strongly zero-dimensional 2063
Subdivision 1189
Sublevel set 871
Submeasures on ω 233
Subset theorem 1909
Substitutions 1808
Superatomic Boolean algebras 375
Surfaces 1820
Suspension 1201
Symmetric and tufted assignments of neighbourhoods 2137
Symmetric product 1650
Syndetic 433
Systems of graph directed sets 667

T
T-models 1350
t.v.s. 861
Talagrand compact 1737

Texture 2177
The Casson–Walker invariant 1382
Thick 433
Thin position 1371
Tightness 2128
Tiles 667
Topological analysis 130
Topological group 146, 787, 1332, 1580
Topological groups actions 1516
Topological manifolds 2041
Topological Quantum Field Theory 623
Topological space 1840
Totally bounded groups 141, 172
Totally bounded topological group 213
Totally dense subgroup 252
Totally disconnected space 824
Totally non-homologous to zero 965
Totally regular curve 207
Transfinite inductive dimension 1888
Transfinite Schauder basis 1430
Transformation groups 1066
Transformation semigroup 1644
Translation groupoids 1175
Translations 1221
Trees 1935
Twisted Hurewicz map 1022
Two-point selection 1105
Two-point set 1213
Tychonov cube 764

U
u-selection 883
UC metric 503
Ulm–Kaplansky invariants 2158
Ultrametric 39
Ultrametric spaces 1462
Unconditionally closed set 335
Ungebunden group 335
Uniform Cantor set 515
Uniform convexity 1561
Uniform Eberlein compact 1720
Uniform embedding 725, 1561
Uniform spaces 39, 830
Uniform ultrafilter 1426
Uniformity 1580
Uniformly convex 1077
Unilateral weighted shifts 1929
Unique Polish group topology 992
Uniqueness of completion 39
Unitary group 1340, 1580
Universal action of a group 1502
Universal Borel action of a group 2017
Universal Borel mapping 2017
Universal compactum 82
Universal complex 112
Universal mapping 1502
Universal separable metric space 1479
Universal space 1493, 2196
Upper Fell topology 1947
Upper semicontinuity 2150
Upper semicontinuous 755
Upper semifinite topology 874, 972
Upper Vietoris topology 1947
Ursyohn universal space 1531
Urysohn Lemma 1990
Urysohn metric space 1516, 1561, 1580
Urysohn space 1462, 1483, 1502, 1607, 1618, 1627

V
Valdivia compact 605, 2027
Vector bundle 1687
Vector measure 1439
Verbal sets 992
Vietoris topology 755, 824, 2150

W
w-divisible group 252
Weak compactness 1077
Weak convergence 1439
Weak density 1792
Weak exhaustiveness 1111
Weak P-point 1766
Weakly α-compact 2188
Weakly compact set 1430
Weakly compactly generated Banach space 1439
Weakly convex set 851
Weakly Koszmider 1227
Weakly quasi-linear mappings 1726
Weakly Whyburn 2211
Wedge sum 965
Weight 1792, 2128
Weight system 1757
Whitehead exact sequence associated with cochain algebra 1350
Whitehead Theorem 1777
Whyburn 2211

Z
$\mathbb{Z}_n$-submanifold 1635
$\mathbf{Z}^+$-topology 1947
Zero-dimensional 2063